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PTO/SB/05 (4/98)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. M61.12-0315

First Inventor or Application Identifier Li Deng et al.

Title PATTERN RECOGNITION TRAINING METHOD AND APPARATUS USING INSERTED NOISE FOLLOWED BY NOISE REDUCTION

Express Mail Label No. EL636048409US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

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| <p>1. <input type="checkbox"/> *Fee Transmittal Form e.g., PTO/SB17)
<i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Sheets 42]
<i>(preferred arrangement set forth below</i>
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (<i>if filed</i>)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 8]</p> <p>4. Oath or Declaration [Total Sheets 3]</p> <p>a. <input checked="" type="checkbox"/> Newly unexecuted (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))
<i>(for continuation/divisional with Box 16 completed)</i></p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).</p> | <p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission
<i>(If applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (Identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
|--|--|

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

ACCOMPANYING APPLICATION PARTS

- | | |
|---|---|
| <p>7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement
<i>(when there is an assignee)</i></p> <p>9. <input type="checkbox"/> English Translation Document</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS/PTO – PTO)</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)</p> <p>13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application.
Statement(s) Status still proper and desired
<i>(PTO/SB/09-12)</i></p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s)
<i>(if foreign priority is claimed)</i></p> <p>15. <input type="checkbox"/> Other: _____</p> | <p><input type="checkbox"/> Power of Attorney</p> <p><input type="checkbox"/> Copies of IDS</p> |
|---|---|

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group/Art Unit: _____
FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

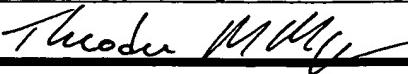
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PATENT AGENT

October 16, 2000

Express Mailing No. : EL636048409US

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Patent Application of:
Applicant : Li Deng et al.
For : PATTERN RECOGNITION TRAINING METHOD AND
APPARATUS USING INSERTED NOISE FOLLOWED
BY NOISE REDUCTION
Our File : M61.12-0315

Dear Sir:

Enclosed for filing are the following papers in connection
with the above-identified patent application:

1. Complete specification and claims.
31 pages Specification
10 pages claims
1 page Abstract
2. Unexecuted Combined Declaration and Power of Attorney
(3 pages).
3. 8 sheets of drawings.

The filing fee is not enclosed with this communication.
Pursuant to 35 USC § 111 and 37 CFR §§ 1.53(b) and 1.53(f), the
filing fee, executed Declaration and executed Verified Statement
Claiming Small Entity Status (if applicable) will be filed
separately.

A filing date under 37 CFR §§ 1.10(b) and 1.53(b) of October 16, 2000 is respectfully requested. The enclosed materials are
being sent "Express Mail Post Office to Addressee" as of the date
of this letter.

Yours very truly,

Theodore M. Magee
Reg. No. 39,758

TMM:ajm
Enc.

JCG27 U.S. PRO
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